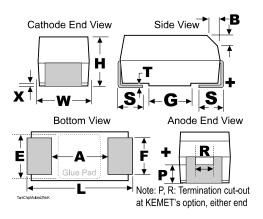
KEMET Part Number: T499C106K025ATE1K5



Capacitor, Tantalum, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, 10 uF, 6032, +/-10% Tol, 25 VDC (85C)



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	6	+/-0.3
W	3.2	+/-0.3
Н	2.5	+/-0.3
F	2.2	+/-0.1
S	1.3	+/-0.3
В	0.5	+/-0.15
Х	0.1	+/-0.1
Р	0.9	REF
R	1	REF
Т	0.13	REF
Α	2.5	MIN
G	2.8	REF
E	2.4	REF

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Quantity:	500	

General Information		
Supplier:	KEMET	
Application:	Automotive/High Temp (AEC-Q200 Qualified)	
Sub Application:	(175C)	
Part Type Description:	SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200	
Construction:	Standard Chip-MnO2	
Body Type:	SMD Chip	
Footprint:	6032	
Weight:	224.48 mg	
Approvals:	AEC-Q200	
RoHS:	Yes	

Specifications		
Capacitance:	10 uF	
Tolerance:	+/-10%	
Voltage:	25 VDC (85C)	
Voltage:	19.44 VDC (125C)	
Voltage:	12.5 VDC (175C)	
Temperature Range:	-55/+175C	
Current/Ripple Current:	271 mAmps (25C)	
Current/Ripple Current:	243.9 mAmps (85C)	
Current/Ripple Current:	54.2 mAmps (175C)	
Resistance/ESR:	1500 mOhms (100kHz)	
Failure Rate:	N/A	
Leakage Current:	2.5 uA	
Dissipation Factor:	6%	

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